

What is claimed is:

1. A wireless battery charger via carrier frequency signal for devices with batteries where it is not convenient to run electrical wires or place the device in a charger for charging batteries and for portable devices that can benefit from either partial or full battery recharge without connecting to a hard wired charger. comprising:

means for generating and transmitting a signal of a predetermined power and carrier frequency;

means for receiving the transmitted power signal;

means for storing energy to the batteries; and

means for transferring power from the power transmitter to the power charger.

2. The wireless battery charger via carrier frequency signal in accordance with claim 1, wherein said means for generating and transmitting a signal of a predetermined power and carrier frequency; comprises a carrier frequency power transmitter circuit.

3. The wireless battery charger via carrier frequency signal in accordance with claim 1, wherein said means for receiving the transmitted power signal; comprises a power receiving circuit.

4. The wireless battery charger via carrier frequency signal in accordance with claim 1, wherein said means for storing energy to the batteries comprises a plurality of batteries battery charging circuit.

5. The wireless battery charger via carrier frequency signal in accordance with claim 1, wherein said means for transferring power from the power transmitter to the power charger comprises a power signal.

6. A wireless battery charger via carrier frequency signal for

devices with batteries where it is not convenient to run electrical wires or place the device in a charger for charging batteries and for portable devices that can benefit from either partial or full battery recharge without connecting to a hard wired charger. comprising:

a carrier frequency power transmitter circuit, for generating and transmitting a signal of a predetermined power and carrier frequency;

a power receiving circuit, for receiving the transmitted power signal;

a plurality of batteries battery charging circuit, for storing energy to the batteries; and

a power signal, for transferring power from the power transmitter to the power charger.

7. The wireless battery charger via carrier frequency signal as recited in claim 6, further comprising:

an energy storing circuit, for storing the energy received from the power receiving circuit until sufficient energy is stored so to be transferred to the

power charging circuit, electrically connected to said Power Receiving Circuit, and electrically connected to said Battery Charging Circuit.

8. The wireless battery charger via carrier frequency signal as recited in claim 6, further comprising:

a battery status indication, for indicating the battery charge state.

9. The wireless battery charger via carrier frequency signal as recited in claim 7, further comprising:

a battery status indication, for indicating the battery charge state.

10. The wireless battery charger via carrier frequency signal as recited in claim 6, wherein said power transmitter circuit has characteristics selected from the following group: frequency modulation, phase modulation, and amplitude

modulation.

11. The wireless battery charger via carrier frequency signal as recited in claim 6, wherein said power receiving circuit has characteristics selected from the following group: antenna, band pass circuit, and filtering circuit.

12. The wireless battery charger via carrier frequency signal as recited in claim 7, wherein said power transmitter circuit has characteristics selected from the following group: frequency modulation, phase modulation, and amplitude modulation.

13. The wireless battery charger via carrier frequency signal as recited in claim 7, wherein said power receiving circuit has characteristics selected from the following group: antenna, band pass circuit, and filtering circuit.

14. The wireless battery charger via carrier frequency signal as recited in claim 8, wherein said power transmitter circuit has characteristics selected from the following group: frequency modulation, phase modulation, and amplitude modulation.

15. The wireless battery charger via carrier frequency signal as recited in claim 8, wherein said power receiving circuit has characteristics selected from the following group: antenna, band pass circuit, and filtering circuit.

16. The wireless battery charger via carrier frequency signal as recited in claim 9, wherein said power transmitter circuit has characteristics selected from the following group: frequency modulation, phase modulation, and amplitude modulation.

17. The wireless battery charger via carrier frequency signal as recited in claim 9, wherein said power receiving circuit has characteristics selected from the following group: antenna, band pass circuit, and filtering circuit.

18. A wireless battery charger via carrier frequency signal for devices with batteries where it is not convenient to run electrical wires or place the device in a charger for charging batteries and for portable devices that can benefit from either partial or full battery recharge without connecting to a hard wired charger. comprising:

a carrier frequency, frequency modulation, phase modulation, amplitude modulation power transmitter circuit, for generating and transmitting a signal of a predetermined power and carrier frequency;

an antenna, band pass circuit, filtering circuit power receiving circuit, for receiving the transmitted power signal;

an energy storing circuit, for storing the energy received from the power receiving circuit until

sufficient energy is stored so to be transferred to the power charging circuit, electrically connected to said Power Receiving Circuit;

a plurality of batteries battery charging circuit, for storing energy to the batteries, electrically connected to said Energy Storing Circuit;

a battery status indication, for indicating the battery charge state; and

a power signal, for transferring power from the power transmitter to the power charger.